

**DEVELOPER FOR PHOTSENSITIVE POLYIMIDE PRECURSOR AND METHOD  
FOR RECOVERING SAME**

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**Abstract of JP2000305280**

**PROBLEM TO BE SOLVED:** To provide a developer for a photosensitive polyimide precursor having no danger of ignition in a developing step and safely usable in an apparatus not protected from explosion by using specified proportions of a bipolar aprotic polar solvent, an ester and water as components. **SOLUTION:** The developer consists of 60-80 wt.% bipolar aprotic polar solvent, 10-30 wt.% ester and 10-30 wt.% water. The bipolar aprotic polar solvent is, e.g. N-methylpyrrolidone, N,N-dimethylacetamide, N,N-dimethylformamide or N,N-diethylformamide. The ester is, e.g. ethylene carbonate, propylene carbonate, ethyl lactate, ethyl pyruvate or propylene glycol monomethyl ether acetate. A mixture of two or more such esters may be used. The water is preferably pure water such as ion-exchanged water or distilled water.

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